

(No Model.)

L. FISCHER.

COMBINED ADJUSTABLE LAMP CHIMNEY AND GLOBE HOLDER.

No. 308,762.

Patented Dec. 2, 1884.

Fig. 1.

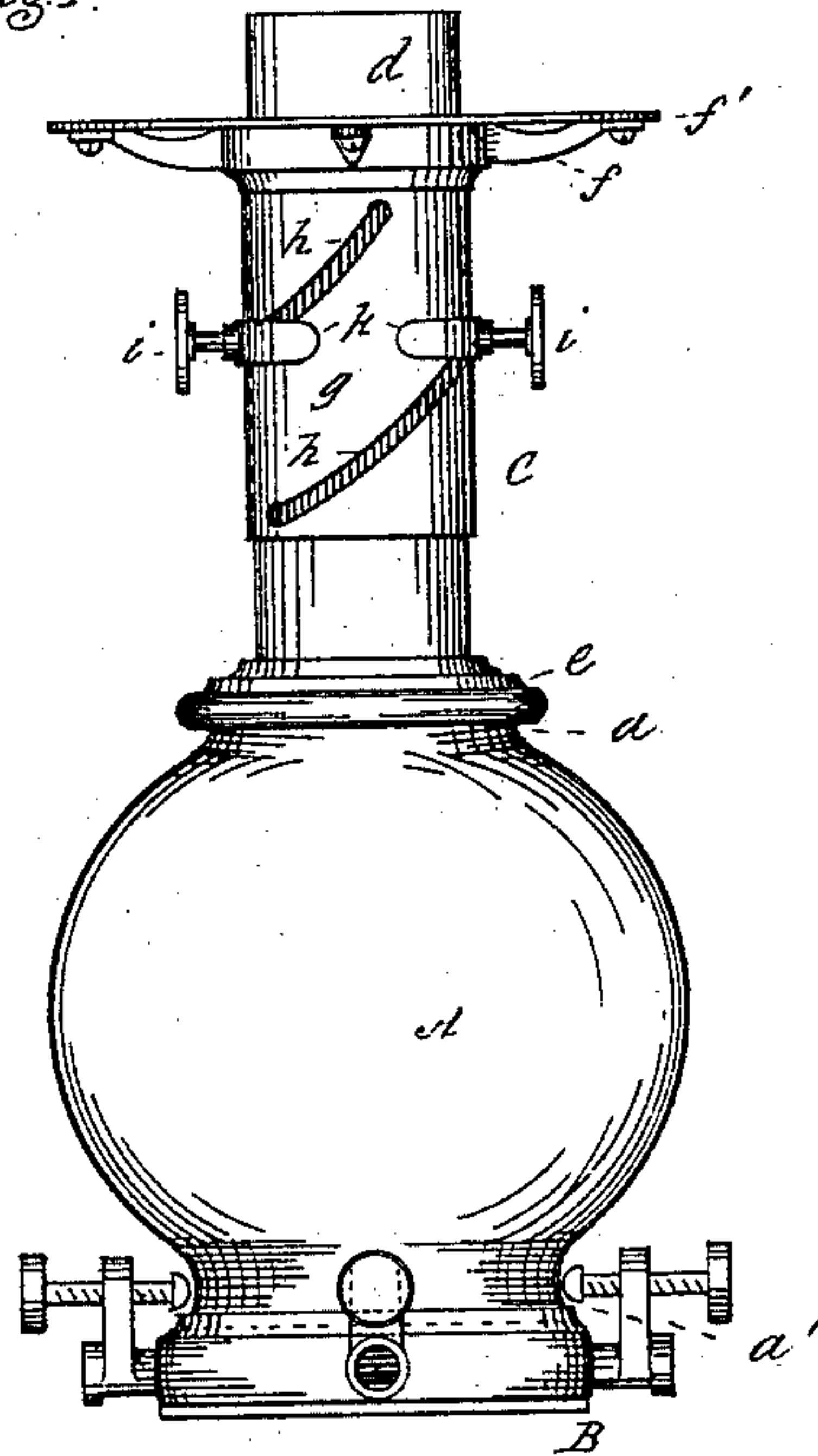
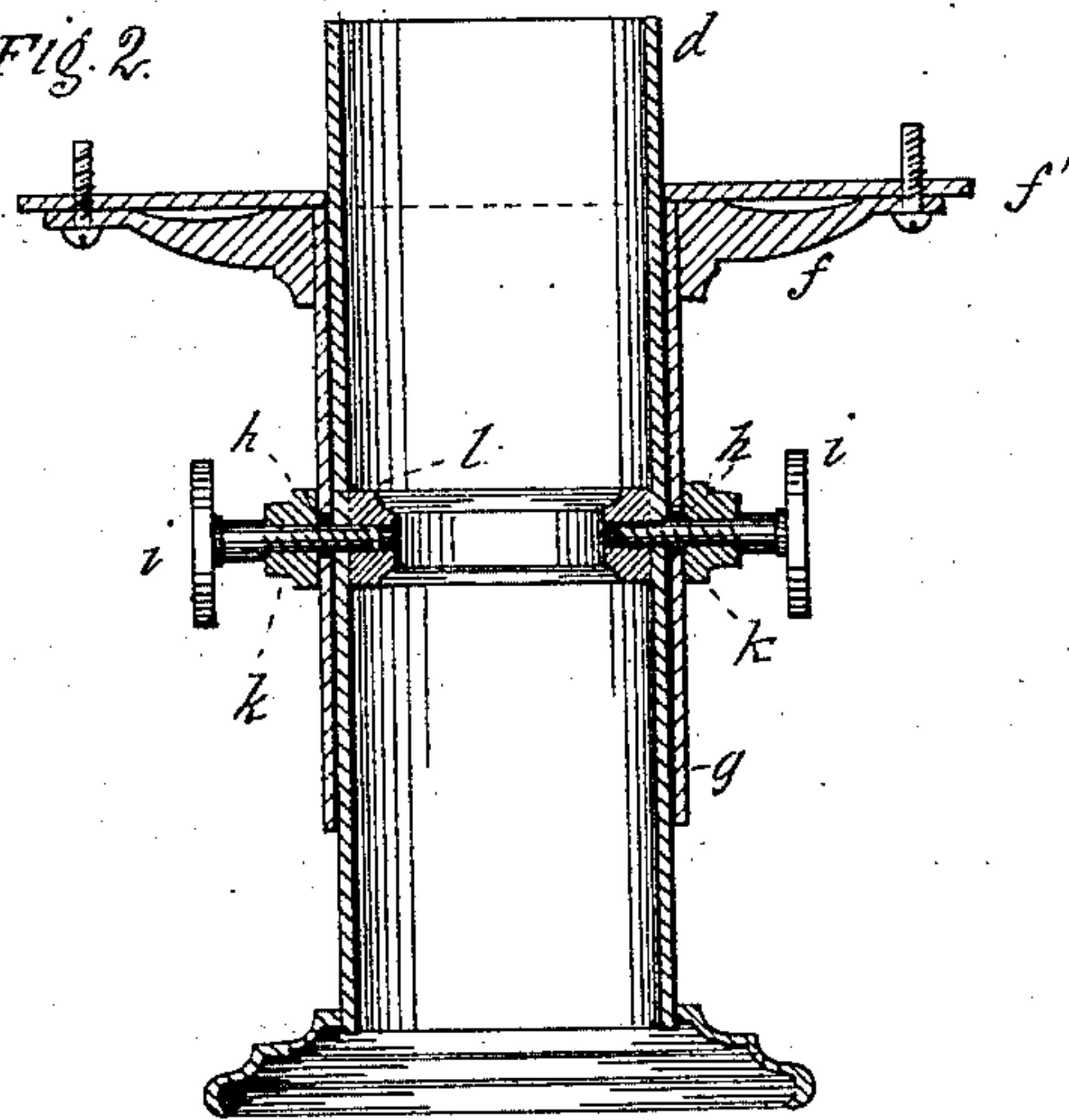


Fig. 2.



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COMBINED ADJUSTABLE LAMP CHIMNEY AND GLOBE HOLDER.

SPECIFICATION forming part of Letters Patent No. 308,762, dated December 2, 1884.

Application filed May 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, LOUIS FISCHER, a citizen of the United States, residing in the city of Brooklyn, in the county of Kings and State of New York, have invented an Adjustable Combined Lamp Chimney and Globe Holder; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to improved means for elevating and lowering the chimney and attachments of an oil-lamp of the kind ordinarily used in railway-cars, so that they may be readily adjusted to globes of different sizes, and so that the globe may be held in proper position in relation to the chimney and removed and replaced with facility. This I accomplish by means of the construction hereinafter described, whereby the parts can be easily and quickly adjusted to admit globes of different sizes, and to remove and replace the globe whenever it is desired so to do.

The invention consists in an adjustable combined lamp chimney and globe holder, constructed as hereinafter particularly described, and in the improved constructions and combinations of parts, as hereinafter set forth.

In the accompanying drawings, Figure 1 represents a front elevation of my invention, and Fig. 2 is a vertical section of the same taken through its center.

Similar letters of reference indicate the same parts in both the figures.

A represents a lamp-globe, which may be of any of the forms ordinarily used on car-lamps, and preferably having flanges *a a'* on its upper and lower edges, the latter of which, *a'*, rests upon and may be clamped to any suitable fixed support, B, in the usual manner.

C represents my improved lamp chimney and globe holder, which is constructed as follows:

d is an inner tube, which forms the chimney, and which is provided at its lower end with a hollow flange, *e*, which fits over the top of the globe.

g is a sleeve, which fits over the tube *d*, and

is made to fit snugly to and to slide up and down upon said tube *d*. This sleeve *g* is rigidly attached to the part of the car where the lamp is used. In the drawings I have shown it attached to a bracket, *f*, and plate *f'*, the latter being designed to be attached to the ceiling; but the upper end of said sleeve may be connected to a bracket attached to the side of the car. In either case said sleeve is fixed, and the chimney *d* slides within the same. The lower end of the sleeve terminates some distance above the flange *e*, so as to admit of the latter being raised. The said sleeve *g* is provided with slots *h* to receive set-screws *i i*, which pass through clamps *k k*, and also through the tube *d*, and enter a ring, *l*, on the inner side of the tube *d*. By means of this construction the chimney with its hollow flange *e* may be raised or lowered, and thus set nearer to or farther from the top of the sleeve. The clamps *k* are constructed to fit snugly over the outer surface of the sleeve *g*, and the ring *l* being made to fit tightly to the interior surface of the tube *d*, said sleeve and tube can be tightly clamped without injuring them and the tube *d* and its flange *e* set at any desired height.

Preferably the slots *h* are made in spiral form, as shown in the drawings, so as to admit of greater nicety of adjustment and prevent the tube *d* and sleeve *g* from slipping or changing their desired relative position while the clamps are being tightened; but longitudinal slots on the sleeve *g* may be substituted for the spiral slots, if desired.

By my improvement the clamping devices on the support B may be dispensed with, as the hollow sleeve *e* fits over the top of the globe and holds it in proper position, so that it is only necessary that the lower edge of the globe shall fit into an annular seat on the support B without being clamped.

What I claim as my invention is—

1. The adjustable combined lamp chimney and globe holder herein described, composed of the slotted sleeve *g*, rigidly attached to the car, the chimney *d*, fitted to slide within said sleeve, and having a hollow flange, *e*, at its extreme lower end, and the clamping devices

i, *k*, and *l*, the whole constructed substantially as described, to operate in the manner set forth.

2. In a car-lamp fixture, the combination of
5 the chimney *d*, having hollow flange *e* at its lower end, the fixed slotted sleeve *g*, embracing said chimney *d*, and the clamping device described, composed of the set-screws *i*, clamps

k, and ring *l*, the whole constructed as shown and described.

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